

ANDREYENKO, A.P., kapitan 3-go ranga

The kind of practical manual on navigation that would be desirable  
to have. Mor. sbor. 47 no.6:63-66 Je '64. (MIRA 18:7)

"APPROVED FOR RELEASE: 03/20/2001

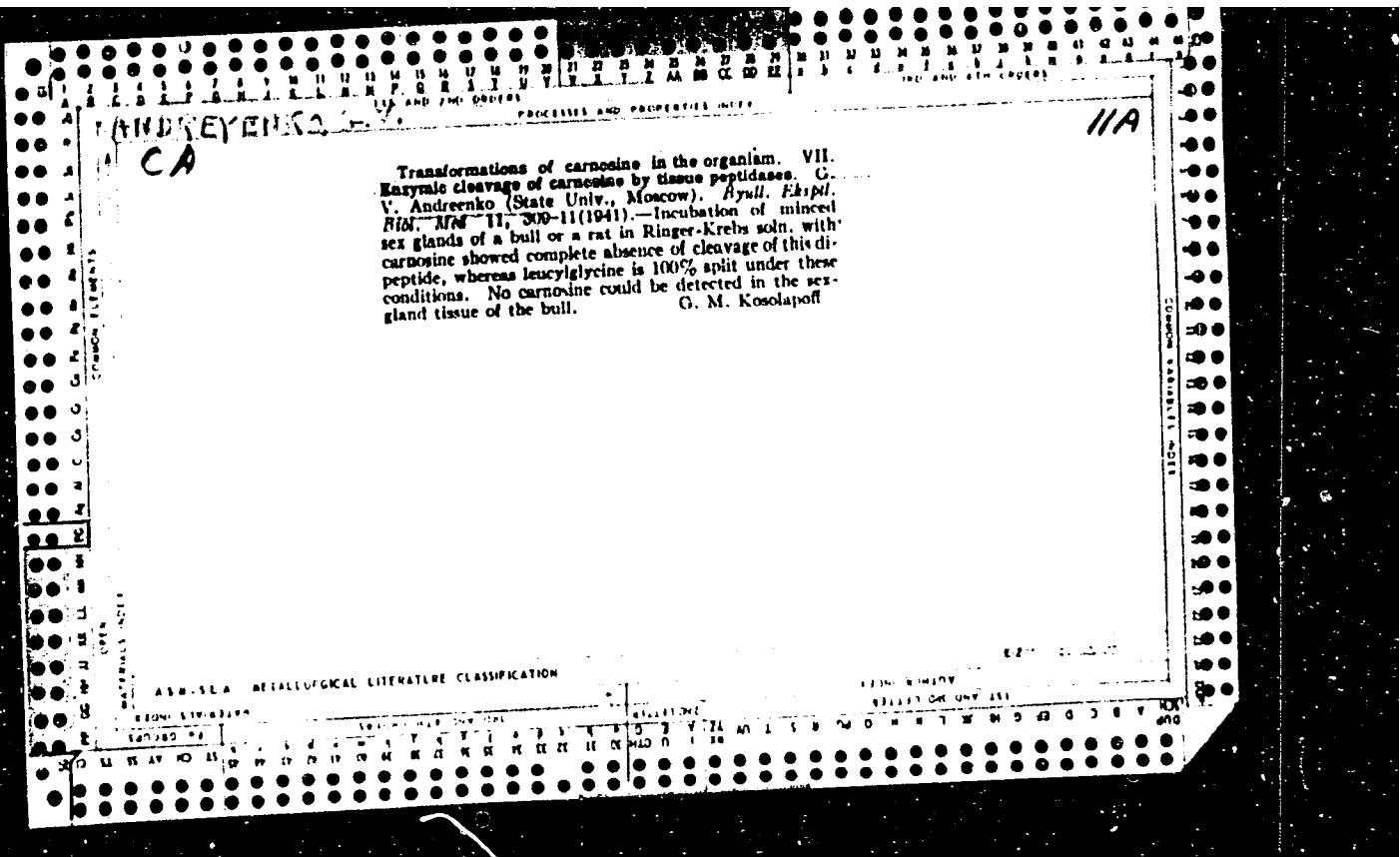
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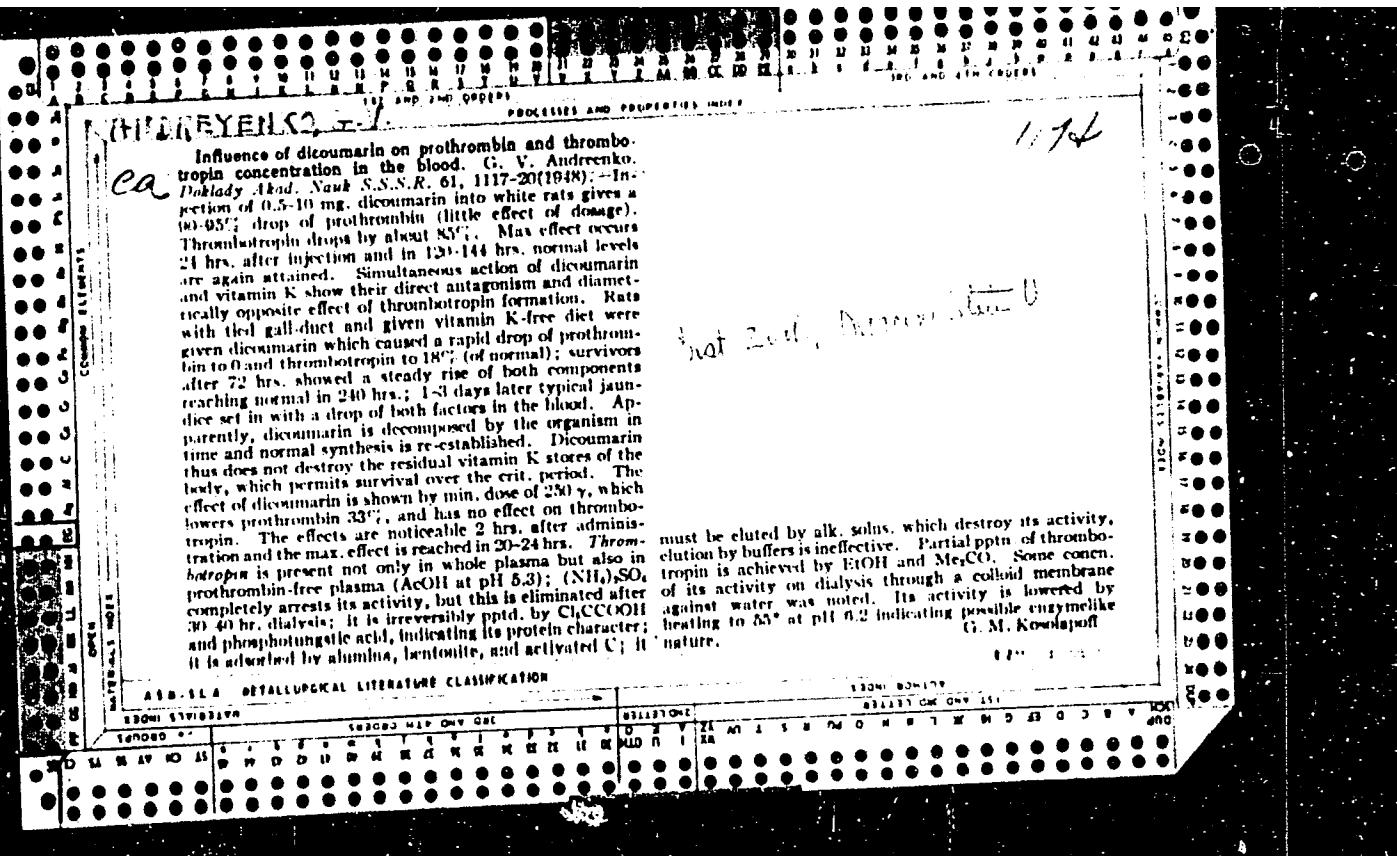
PANIN, V. N., Kand. voprosy sovremennoi russk. literatury. Zapovedn. D.-go vosp.; ANDREYENKO, A.P.,  
Kapit. D.-go vosp.

Review and bibliography. Sov. liter. 43 no. 9:86-92 S 165.  
(MIRA 18:8)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101510008-5"





Ambreyenko, A. V.

Cand. Biol. Sci.

Dissertation: "Significance of Vitamin K and Sisoumarin in the Metabolism of Prothrombin and Thrombostropine in the Organisms of Animals."

11 May 45

Moscow Order of Lenin State University imeni M. V. Lomonosov.

**SO Vecheryaya Moskva  
Sum 71**

*ANDREYENKO, et al.**ca**11X*

Dicoumarol and its significance as an anticoagulant in blood. (G. V. Andreyenko, *Voprosy Sovremennoi Biol.* 32, 89-104 (1953).—A review; 52 references; ... J. F. Smith

hrs with 2% acid. The ripening of I-acid paste at 35-40° for several hrs, homogenizes and allows complete diffusion of the acid into the gelatinous mass; this limits the velocity of decompr. of the dextrose (II) and oligosaccharides (III). At an acid:I ratio of 0.5 the I fiber is incompletely (29%) attacked; this causes cellular degradation and intra-micellar changes. The optimum acid bath concn. is 3-4% H<sub>2</sub>SO<sub>4</sub>. The mixt. is filtered after ripening and slowly dried to assure solv. of the resulting hydrocellulose (IV) in 72% H<sub>2</sub>SO<sub>4</sub> for further degradation at 50° to II and III and final conversion to glucose in 80-81% yield. Decrease of the acid:I ratio to 0.2 decreases the yield to 50%. The following yields are obtained with an acid-cellulose ratio of 0.5: alkali cellulose 50% (pretreated with acid, 91%; regenerated 100%; methylcellulose 95% (with an acid-cellulose ratio of 0.2, about 80%). All yields are based on the residue. Preliminary results indicate the possibility of further decrease of the amt. of acid necessary for max. yields  
F. W. Hoffmann

KUDRYASHOV, B.A.; ANDREYENKO, G.V., redaktor.

[The physiological and biochemical significance of vitamins] Fiziologicheskoe i biohimicheskoe znachenie vitaminov. Moskva, Izd. Moskovskogo ob-va ispytatelei prirody, 1953. 174 p.  
(MLRA 7:1)  
(Vitamins)

ANDREYENKO, G. V.

/ Some properties of thrombotropin. O. V. Andreyenko  
(M. V. Lomonosov State Univ., Moscow). Dobrolyubov  
and S. S. R. 94, 1133-8 (1954); cf. C.A. 48, 3104c. A  
study of thrombotropin made on specimens from rats and  
horses by the method of Kudryashov (C.A. 42, 7404d;  
46, 10228a) showed it to have the highest activity at pH  
6.8-7.0 and to be appreciably adsorbed on  $\text{Ca}_3(\text{PO}_4)_2$ . It is  
quite stable in the blood serum of rats and, even after 1 hr.  
at 40°, it shows only a slight loss of activity. The purified  
specimen loses much activity after 0.6 hr. at 30°.  
G. M. Kudryashov

*Andreyenko, G. V.*

USSR/ Medicine - Hematology

Card 1/1 Pub. 22 - 35/53

Authors : Andreyenko, G. V., and Kudryashov, B. A.

Title : Change in the thromboplastic activity of the blood during introduction of vitamin B<sub>12</sub> into the animal organism

Periodical : Dok. AN SSSR 102/4, 787-788, Jun 1, 1955

Abstract : Experiments were conducted on white rats to determine the change in the thromboplastic activity of their blood after intramuscular injection of vitamin B<sub>12</sub>. As is evident from the blood chart the intramuscular injection of B<sub>12</sub> leads to a considerable increase in the thromboplastic activity of the blood; after discontinuation of the vitamin injection the thromboplastic activity drops sharply to its normal physiological level. It was determined that the formation of blood prothrombinase in the organism connected with blood flakes is due mainly to the effects of the vitamin. Twelve references: 8 USSR and 4 USA (1948-1954). Table; graph.

Institution : The M. V. Lomonosov Moscow State University, Moscow

Presented by : Academician V. A. Engel'gardt, February 26, 1955

ANDREYENKO G.V.

*Isolation of thrombinogen in thrombin. G. V. Andreyenko (M. V. Lomonosov State Univ., Moscow), Dokl. Akad. Nauk SSSR, 1962, 108, 894-9 (1963). Thrombinogen was isolated from plasma by fractionation with cold EtOH, and its thrombinogen activity, i.e., its ability to activate with brain prothrombinase, caused the change of the latter to thrombinogenase, which in the presence of Ca causes the transition of prothrombin into thrombin. This mixture of thrombinogen and thrombinogenase has thrombin properties. Thrombinogen reacts with  $\text{Ca}(\text{PO}_4)_2$  to display a weaker thrombinogenase activity.  $\text{Ca}(\text{PO}_4)_2$  increases this activity. The latter salt and  $\text{NaCl}$  completely absorb prothrombin from thrombinogen, but fragments of thrombinogen obtained properties after incubation with brain prothrombinase in presence of  $\text{Ca}(\text{PO}_4)_2$ . Elution of thrombinogen from a gel, resulting from adsorption of the latter by  $\text{Ca}(\text{PO}_4)_2$  gel performed with 0.8% NaCl and 0.2M Na citrate gave the following results: elution with NaCl gave a solution which in presence of Ca and prothrombinase yielded thrombin; elution with citrate gave a solution which activated prothrombinase but did not yield thrombin or prothrombin preparations. Dialysis of the latter eluate against physiol. saline gave after removal of the citrate a solution which acquired prothrombinogen properties and in presence of Ca and prothrombinase formed thrombin. Thus under proper conditions thrombinogen can yield thrombin or its analog.*

O. M. Kozelapoff

ANDREYENKO, G. V.

KUDRYASHOV, B.A., prof.; ANDREYENKO, G.V.; ULITINA, P.D.; BAZAS'YAN, O.G.;  
PASTOROVA, V.Ye.; SYTINA, N.P.; KALISHEVSKAYA, T.M.; SHIMONAYEVA, Ye.Ye.

Nature of hemorrhage in experimental radiation sickness in animals  
[with summary in English, p.60]. Probl. gemat. i perel.krovi 2 no.6:  
3-11 N-D '57.  
(MIRA 11:2)

1. Iz biologo-pochvennogo fakul'teta Moskovskogo gosudarstvennogo  
universiteta.

(HEMORRHAGE, experimental,

x-ray induced in animals (Rus))

(ROENTGEN RAYS, injurious effects,

exper. hemorrh. induced in animals (Rus))

ANDREYENKO, G.V.

"On the Protein Nature of Thrombotropin," by G. V. Andreyenko,  
Moscow State University imeni M. V. Lomonosov, Doklady Akademii  
Nauk SSSR, Vol 112, No 3, 1957, pp 474-476

Past research has shown that the maximum activity of thrombotropin  
in blood plasma is found in the fraction containing alpha- and gamma-  
globulin (G. V. Andreyenko, Doklady Akademii Nauk, 108, p 895, 1956).

In the present work the author showed, by electrophoresis of the active  
fractions on filter paper, that thrombotropin is bound to the alpha-globulins  
of the plasma. (U)

54M.1374

ANDREYENKO, G.V., SYTINA, N.P.

Changes in the thromboplastic activity of rat blood caused by large doses of ascorbic acid. Nauch.dokl.vys.shkoly;biol. nauki, no.1:109-113 '58  
(MIRA 11:8)

1. Predstvlena kafedroy biokhimii zhivotnykh Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.  
(ASCORBIC ACID)  
(BLOOD--ANALYSIS AND CHEMISTRY)  
(THROMBOPLASTIN)

KUDRYASHOV, B.A.; ANDREYENKO, G.V.; ULITINA, P.D.

Thrombotropin and prothrombokinase in marine fishes. Nauch.  
dokl.vys.shkoly;biol.nauki no.3:98-101 '58. (MIRA 11:12)

1. Predstavlena laboratoriye fiziologii i biokhimii svertyvaniya  
krovi Moskovskogo gosudarstvennogo universiteta imeni M.V.  
Lomonosova.  
(THROMBOTROPIN) (FISHES--PHYSIOLOGY) (PROTHROMBOKINASE)

ANDREYENKO, G.V.

Method for preparing and storing thromboplastin. Lab.delo 6  
[i.e. 4] no.4:20 Jl-Ag '58 (MIRA 11:9)

1. Iz laboratorii biokhimii i fiziologii svertyvaniya krovi (zav.  
prof. B.A. Kudryashov) Moskovskogo gosudarstvennogo universiteta.  
(THROMBOPLASTIC SUBSTANCES)

AUTHORS: Kudryashov, B. A., Andreyenko, G. V., Sytina, N. P. 20-II8-4-21/61

TITLE: The Effects of Vitamin B<sub>12</sub> and of Folic Acid Upon  
the Thromboplastic Activity in the Case of Experimental  
Radiation Disease (Deystviye vitamina B<sub>12</sub> i foliyevoy  
kisloty na tromboplasticheskuyu aktivnost' krovi pri  
eksperimental'noy luchevoy bolezni)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 118, Nr 4,  
pp. 701-704 (USSR)

ABSTRACT: At first short reference is made of previous papers  
dealing with the same subject. The authors started the  
investigation of the effects of vitamin B<sub>12</sub> mentioned  
in the title, because vitamin B<sub>12</sub> increases the thrombo-  
plastic activity of the blood in normal rats. The  
experiments were performed with rats of a weight of from  
150 to 200 grams, which were irradiated with radiation  
doses of from 400 to 800 roentgen. The method of blood

Card 1/4

The Effects of Vitamin B<sub>12</sub> and of Folic Acid Upon the 20-118-4-21/61  
Thromboplastic Activity in the Case of Experimental  
Radiation Disease:

remained near the lower limit of the physiological level, i.e. in all stages of radiation disease. The survival rate of the test animals remained on a high level as compared with the control animals. Similar results were also obtained, when the animals were irradiated with a dose of 800 roentgen wearing a protective girdle. The protective girdle obviously protects the shielded part of tissue against the loss of biological function. Obviously not the stomach, but the liver is protected. The results obtained speak in favor of the following facts: The thromboplastic activity of the blood is strongly reduced in rats subject to the action of X-rays (dose of from 400-650 roentgen), namely because of a deficiency of blood-protokombin. Finally the results obtained in the paper under consideration are compiled again. There are 1 figure, 6 tables, and 13 references, 3 of which are Soviet.

Card 3/4

The Effects of Vitamin B<sub>12</sub> and of Folic Acid Upon the 20-118-4-21/61  
Thromboplastic Activity in the Case of Experimental  
Radiation Disease

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova  
(State University imeni M. V. Lomonosov, Moscow)

PRESENTED: October 11, 1957, by V. N. Shaposhnikov, Member of the  
Academy

SUBMITTED: June 27, 1957

AVAILABLE: Library of Congress

Card 4/4

ANDREYENKO, G.V.

Proconvertin content of rat blood in radiation sickness, K-  
avitaminosis and following administration of dicoumarin. Nauch.  
dokl.vys.shkoly; biol.nauki no.3:112-115 '59.  
(MIRA 12:10)

1. Rekomendovana kafedroy biokhimii zhivotnykh Moskovskogo  
gosudarstvennogo universiteta im. M.V.Lomonosova.  
(PROCONVERTIN) (RADIATION SICKNESS) (COUMARIN)  
(VITAMINS--K)

ANDREYENKO, G.V.; SYTINA, N.P.

Dependence of the thromboplastic activity of the blood of  
guinea pigs on the administration of ascorbic acid. Probl.  
gemat. i perel. krovi 4 no. 10:26-29 o '59. (MIRA 13:8)

1. Iz laboratorii fiziologii i biokhimii svertvaniya krovi  
(zaveduyushchiy - prof. B.A. Kudryashov) kafedry biokhimii  
zhivotnykh biologo-pochvennogo fakul'teta Moskovskogo  
gosudarstvennogo universiteta.  
(ASCORBIC ACID) (THROMBOPLASTIN)

17(3)

AUTHORS: Kudryashov, B. A., Andreyenko, G. V., Kukushkina, G. V.

SOV/20-59-124-2-59/71

TITLE: Electrophoretic Properties of Some Protein Components of Blood Coagulation (Elektroforeticheskiye svoystva nekotorykh belkovykh komponentov svertyvaniya krovi)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 2, pp 452-455 (USSR)

ABSTRACT: Denotations given by various scientists for the components mentioned in the title, i.e. for one and the same substance often differ from each other (Refs 1-7). It is possible that further investigations of the factors of coagulation which are now known will reduce their number; it is also possible that one and the same substance shows different properties under different conditions. A careful comparative investigation of the subject mentioned in the title, i.e. of those components which participate in the formation of thrombokinase is therefore important. For this purpose the authors investigated electrophoretically the factors X and VII, thrombotropine and thrombokinase. The preparations from the factors VII and X were isolated from the blood serum of horses and rats (according to Refs 12,3). The tissue thrombokinase was produced as suspension from the brain of white rats which had been purified from investing tissues and blood vessels (Ref 14). Thrombotropine was .

Card 1/3

SOV/20-59-124-2-59/71

**Electrophoretic Properties of Some Protein Components of Blood Coagulation**

isolated by electrophoretic separation of the blood plasma with starch as adsorbent and was then obtained by means of washing out the active fraction by a physiological salt solution (Ref 11).

Figures 1 and 2 show the electrophoresis diagram of the factors VII and X. Table 1 shows the composition of the protein fraction of the blood serum and the factors VII and X. On the basis of the results obtained the authors arrive at the following conclusion:

1) The 3 protein factors which participate in the first phase of the blood coagulation, i.e. the factors VII and X as well as thrombotropine have different electrophoretic mobility. Therefore they belong to different protein groups. 2) Factor VII is not homogeneous; it forms 2 clearly distinct bands on the electrophoresis diagram which correspond to the  $\alpha_2$ - and  $\gamma$ -globulins of the blood

serum. 3) The factor X is homogeneous and is an  $\alpha$ -globulin; the same holds also for thrombotropine. 4) It may be assumed that the factor VII consists of blood thrombokinase (immobile fraction) and of thrombotropine (mobile fraction). - There are 4 figures, 2 tables, and 16 references, 3 of which are Soviet.

Card 2/3

SOV/20-59-124-2-59/71

Electrophoretic Properties of Some Protein Components of Blood Coagulation

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova  
(Moscow State University imeni M. V. Lomonosov)

PRESENTED: August 26, 1958, by V. A. Engel'gardt, Academician

SUBMITTED: July 24, 1958

Card 3/3

ANDREYENKO, G.V.

Comparative study of thrombotropin and proconvertin. Nauch.dokl.  
vys.shkoly; biol.nauki no.2:87-90 '60. (MIRA 13:4)

1. Rekomendovana laboratoriya fiziologii svertyvaniya krovi Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.  
(THROMBOTROPIN) (PROCONVERTIN)

KUDRYASHOV, B.A.; ANDREYENKO, O.V.; KNOKH, I.

Changes in the thromboplastic activity and concentration of pro-thrombin in the blood of animals following introduction of increased doses of vitamin B<sub>12</sub> and vitamin K. Nauch.dokl.vys.shkoly: biol.nauki no.4:97-99 '60. (MIRA 13:11)

1. Rekomendovana laboratoriyyey biokhimii i fizologii svertyvaniya krovi Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.  
(PROTHROMBIN)  
(CYANOCOBALAMINE)  
(VITAMINS--K)

ANDREYENKO, G.V.

Method for determining proconvertin in human blood. Lab.delo  
6 no.2:7-9 Mr-Ap '60. (MIRA 13:6)

1. Laboratoriya fiziologii i biokhimii svertyvaniya krovi (zav. -  
prof. B.A. Kudryashov) Moskovskogo gosudarstvennogo universiteta.  
(PROCONVERTIN)

ANDREYENKO, G.V.; ZVEREVA, N.Ya.

Effect of phenyllin on the thromboplastic activity and concentration  
of thrombotropin and proconvertin in the blood of white rats.  
Vop.med.khim. 6 no.4:382-385 Jl-Ag '60. (MIRA 14:3)

1. Laboratory for the Study of Physiology and Biochemistry of Blood  
Coagulation, Biological Faculty, Moscow State University.  
(ANTICOAGULANTS)

ANDREYENKO, G.V.; SYTINA, N.P.

Blood coagulation in vitamin C deficiency. Report No.2: Change in the prothrombin and thrombotropin concentration and causes of decreased thromboplastin activity of the blood in vitamin C deficiency in guinea pigs. Biul. eksp. biol. i med. 49 no.3:30-35 Mr '60. (MIRA 14:5)

1. Iz laboratorii fiziologii i biokhimii svertyvaniya krovi (rukoveditel' - prof. B.A.Kudryashov) kafedry biokhimii zhivotnykh biologo-pochvennogo fakul'teta Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova. Predstavlena deystvitel'nym chlenom AMN SSSR S.Ye.Severinym.  
(DEFICIENCY DISEASES) (BLOOD--COAGULATION)

ANDREYENKO, G.V. (Moskva)

Fibrinolysis and its physiological significance. Usp. sovr. biol.  
49 no.3:338-358 My-Je '60. (MIRA 13:7)  
(FIBRIN)

ANDREYENKO, G.V.; SYTINA, N.P.

Blood coagulation in vitamin C deficiency. Report No.3: Influence of vitamins C, P, B<sub>12</sub>, K, and folic acid on the thromboplastic activity of the blood of guinea pigs with vitamin C deficiency. Biul. eksp. biol. i med. 50 no.10:46-48 O '60. (MIRA 14:5)

1. Iz laboratorii fiziologii i biokhimii svertvaniya krovi (rukovoditel' - prof. B.A.Kudryashov) biologo-pochvennogo fakul'teta Moskovskogo ordena Lenina ordena Trudovogo Krasnogo Znameni Gosudarstvennogo universiteta imeni M.V.Lomonosova. Predstavlena deystvitel'nym chlenom AMN SSSR S.Ye.Severinym.

(BLOOD--COAGULATION) (DEFICIENCY DISEASES)  
(VITAMINS)

KUDRYASHOV, B.A.; ANDREYENKO, G.V.; BAZAZ'YAN, G.G.; KALISHEVSKAYA, T.M.;  
PASTOROVA, V.Ye.; SYTINA, N.P.; ULITINA, P.D.

The physiological anticoagulating system and experimental prethrombotic  
state of the organism. Vest. Mosk. un. Ser. 6:3-23 Mr-Ap '61.  
(MIRA 14:5)

1. Laboratoriya fiziologii i biokhimii svertyvaniya krovi Moskov-  
skogo gosudarstvennogo universiteta.  
(BLOOD--COAGULATION)

ANDREYENKO, G.V.; KUDRYASHOV, B.A.

Experimental thrombosis and its prevention with a trypsin inhibitor.  
Vop. med. khim. 7 no. 1:70-74 Ja-F '61. (MIRA 14:4)

1. Laboratory for Physiology and Biochemistry of Blood Coagulation,  
Chair of Animal Biochemistry, Faculty for Biology and Soil  
Science of the Moscow State University.  
(THROMBOSIS) (TRYPSIN)

ANDREYENKO, G.V.; KUDRYASHOV, B.A.

Influence of a trypsin inhibitor from soy bean on blood coagulation.  
Vop. med. khim. 7 no.5: 513-519 S-0 '61. (MIRA 14:10)

1. The Laboratory of Physiology and Blood Coagulation Biochemistry  
of the Chair of Biochemistry of the Biological soil Faculty of  
the Moscow State University.  
(BLOOD--COAGULATION) (TRYPSIN)

KUDRYASHOV, B.A.; ANDREYENKO, G.V.; BAZAZ'YAN, G.G.; KALISHEVSKAYA, T.M.;  
PASTOROVA, V.Ye.; SYTINA, N.P.; ULITINA, P.D. (Moskva)

Physiological anticoagulation system in an experimental pre-thrombotic state of the organism. Klin.med. 39 no.3:19-30  
Mr. '61. (MIRA 14:3)

1. Iz laboratorii fiziologii i biokhimii svertyvaniya krovi  
(rukovoditel' - prof. B.A. Kudryashov) Moskovskogo universiteta.  
(BLOOD--COAGULATION)

BAZAZ'YAN, G.G.; SYTINA, N.P.; ANDREYENKO, G.V.; KUDRYASHOV, B.A.

Depression of the physiological functions of the anticoagulation system as a consequence of an atherogenic diet. Biul. eksp. biol. i med. 52 no.10:26-30 O '61. (MLRA 15:1)

1. Iz laboratorii fiziologii i biokhimii svertvaniya krovi (zav. - prof. B.A. Kudryashov) Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova. Predstavlena deystvitel'nym chlenom AMN SSSR  
S.Ye. Severinym.  
(BLOOD\_COAGULATION) (FAT\_PHYSIOLOGICAL EFFECT) (DIET)

ANDREYENKO, G.V.; SYTINA, N.P.

Mechanism of changes in the thromboplastic activity of the blood  
of white rats under the influence of high doses of vitamins C and  
B12. Biul. eksp. biol. i med. 52 no.10:31-34 O '61. (Lia 15:1)

1. Iz laboratorii fiziologii i biokhimii svertvaniya krovi (zav. -  
prof. B.A.Kudryashov) Moskovskogo universiteta imeni Lomonosova.  
Predstavlena deystvitel'nym chlenom AMN SSSR S.Ye. Severinym.  
(BLOOD COAGULATION) (ASCORBIC ACID)  
(CYANOCOBALAMINE)

ANDREYENKO, C.V.; STRUKOVA, S.M.

Effect of urokinase on the fibrinolytic activity of the blood.  
Biokhimiia 27 no.2:327-329 Mr-Ap '62. (MIRA 15:8)

1. Laboratory of Physiology and Biochemistry of Blood Clotting,  
Faculty of Biology and Soil Science, State University, Moscow.  
(UROKINASE) (FIBRINOLYSINS) (BLOOD--COAGULATION)

CHAZOV, Ye.I.; ANDREYENKO, G.V.

Initial experience with the treatment of thrombosis using a Soviet  
fibrinolysin. Kardiologija 2 no.4:59-64 Jl-Ag '62. (MIRA 15:9)

1. Iz Instituta terapii (dir. - deystvitel'nyy chlen AMN SSSR  
prof. A.L.Myasnikov) AMN SSSR i laboratorii biokhimii i fiziologii  
svertyvaniya krovi (zav. - prof. B.A.Kudryashov) Moskovskogo  
gosudarstvennogo universiteta imeni Lomonosova.  
(THROMBOSIS) (FIBRINOLYSINS)

ANDREYENKO, G.V.

Determination of the fibrinogen and fibrinolytic activity of  
the blood in pathological conditions. Probl.gemat. i perel.krovi  
no.9:31-34 '62. (MIRA 15:12)

1. Iz laboratorii fiziologii i biokhimii svertvaniya krovi  
(zav. - prof. B.A. Kudryashov) Moskovskogo gosudarstvennogo  
universiteta.

(FIBRINOLYSIS) (FIBRINOGEN)

ANDREYENKO, G.V.; CHAZOV, Ye.I.

Use of fibrinolysis in experimental thrombosis. Vop.med.khim.  
8 no.1:47-52 Ja-F '62. (MiRA 15:11)

1. Institut terapii AMN SSSR i laboratoriya biokhimii i fizio-  
logii svertyvaniya krovi Moskovskogo gosudarstvennogo universiteta  
imeni Lomonosova, Moskva.  
(THROMBOSIS) (FIBRINOLYSINS)

ANDREYENKO, G.V.

Methods for the determination of the fibrinolytic activity of  
the blood. Lab.delo 8 no.5:3-6 My '62. (MIRA 15:12)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo  
universiteta.

(FIBRINOLYSIS)

CHAZOV, Ye.I.; ANDREYENKO, G.V.; SPEKTOROVA, Z.G.; RAYEVSKAYA, V.V.;  
MOISEYEV, S.G.; BABSKIY, Ye.B.; BREDIKIS, Yu.I.; KUSHKIY, R.O.;  
KALITEYEVSKAYA, V.F.; BEREZOV, Ye.; POKROVSKIY, A.V.; MEL'NIK,  
I.Z.; AGRANENKO, V.A.; VINOGRADOVA, I.L.; SKACHILIOVA, N.N.;  
VIKHERT, A.M.; ZAMYSLOVA, K.N., prof.; SOKOLOVSKIY, V.P., prof.;  
BEYUL, Ye.A., kand.med.nauk; SOLOV'YEV, V.V.

Minutes of the meetings of the Moscow Society of Therapeutists.  
Terap.arkh. 35 no.1:112-118 Ja'63. (MIhA 16:9)  
(THERAPEUTICS--ABSTRACTS)

KUDRYASHOV, B.A.; ANDREYENKO, G.V.; YEGOROV, N.S.; STRUKOVA, S.M.;  
LANDAU, N.S.

Fibrinolytic agents isolated from some saprophytic fungi  
cultures. Dokl. AN SSSR 153 no.4:939-942 D '63.  
(MIRA 17:1)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.  
Predstavлено академиком V.N. Shaposhnikovym.

ANDREYENKO, G.V.; KURTSIN', O.Ya.; KOMYAGINA, N.V.; BRAKSH, T.A.;  
KAZAKOVA, Z.A.; POPOVA, A.V.

Changes in some biochemical indices of the blood during the  
development of experimental hypertension. Vop. pit. 22 no.5:  
22-27 S-0 '63. (MIRA 17:1)

1. Iz laboratorii obmena veshchestv (zav. - prof. O.P.  
Molchanova) i laboratorii fiziologicheskikh funktsiy (zav. -  
prof. A.I. Mordovtsev) Instituta pitaniya AMN SSSR i labora-  
torii fiziologii i biokhimii svertyvaniya krovi (zav. - prof.  
B.A. Kudryashov) Moskovskogo gosudarstvennogo universiteta.

ANDREYENKO, G.V.; BRAKSH, T.A.; KURTSIN', O.Ya.; POPOVA, A.V.; KOMYAGINA, N.V.

Role of corn oil in experimental circulatory disorders. Vop. pit.  
22 no.6:33-37 N-D '63. (MIRA 17:7)

1. Iz laboratorii fiziologicheskikh funktsiy (zav. - prof. A.I. Mordovtsev) i laboratorii obmena veshchestv (zav. - prof. O.P. Molchanova) Instituta pitaniya AMN SSSR i laboratorii biokhimii krovi (zav. - prof. B.A. Kudryashov) Moskovskogo universiteta.

ANDREYENKO, G.V.

Some conclusions in the experimental and clinical study of  
fibrinolysis. Ter. arkh. 35 no. 7-8-12 Jl '63 (MIRA 17:1)

1. Iz laboratorii fiziologii i biokhimii svertvaniya krovi  
(zav. - prof. B.A. Kudryashov) Moskovskogo gosudarstvennogo  
universiteta.

MYASNIKOV, A.L., prof.; KUDRYASHOV, B.A., prof.; CHAZOV, Ye.I., starshiy nauchnyy sotrudnik; ANDREYENKO, G.V., starshiy nauchnyy sotrudnik

Compound fibrinolysin and heparin therapy of vascular thrombosis. Kardiologiya no.1:3-8 '64. (MIRA 17:10)

1. Institut terapii AMN SSSR, Moskva. 2. Deystvitel'nyy chlen AMN SSSR (for Myasnikov).

ANDREYENKO, G.V.; GLADYSHEV, B.N.; PANTYUSHINA, N.N.

Effect of lipopolysaccharides of higher plants (phytolipopolysaccharides) on the fibrinogen content and fibrinolytic activity of albino rat blood. Nauch. dokl. vys. shkoly; biol. nauki no.1:84-88 '64. (MIRA 17:4)

1. Rekomendovana laboratoriya fiziologii i biokhimii svertvaniya krovi Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova i Institutom biokhimii AN SSSR.

EVIRYASHOV, B.A., prof.; CHIBYKO, G.Y.; KALISHINSKAYA, T.V.

Neutralization of antiparmin in the blood during a protective reaction of the physiologic anticoagulation system. Probl. gemat. i patol. krevi 9 no.4:11-15. (p. 164.)

(USA 17:11)

J. Laboratoriya fiziol. i biokhimii svyazaniyu krevi (zav. - prof. B.A. Eviryashov) Biologicheskogo fakulteta Moskovskogo gosudarstvennogo universiteta.

KUDRYSHOV, B.A.; ANDREYENKO, G.V.; SYTINA, N.P.; IVANOVA, Ye.A.; FLYUSHCH, L.I.

Effect of vitamin B<sub>12</sub> on the function of the physiological anti-coagulation system of the body. Vop.med.khim. 10 no.3:272-273  
(MIRA 18:2)  
My-Je '64.

1. Laboratoriya fiziologii i biokhimii sverstyvaniya krovi biologicheskogo pochvennogo fakulteta Moskovskogo gosudarstvennogo universiteta.

ANDRIYENKO, G.V.; BAZAZ'YAN, G.G.; SMISLOVA, S.N.; RYZHAKOVA, V.G.

Comparative study of the methods of the determination of heparin  
in the blood. Lab. delo no.2:102-105 '65. (MIRA 18:2)

1. Laboratoriya fiziologii i biokhimii svertyvaniya krovi (zave-  
duyushchiy - prof. N.A. Kudryashov) Moskovskogo gosudarstvennogo  
universiteta.

STRUKOVA, S.M.; ANDREYENKO, G.V. (Moskva)

Study of the thrombolytic activity of aspergillin M in experimental thrombosis. Arkh. pat. 27 no.4:23-29 '65.

(MIRA 18:5)

1. Laboratoriya fiziologii i biokhimii svertvaniya krovi (zav. - prof. B.A.Kudryashov) Moskovskogo gosudarstvennogo universiteta imeni Lomonosova i kafedra patologicheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. A.I.Strukov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

ANDREYFNKO, G.V.; BAZAZ'YAN, G.G.; SYTINA, N.P.

Protective effect of combined introduction of fibrinolysin with heparin against thrombogenesis in animals in prethrombotic state and in experimental atherosclerosis. Biul. eksp. biol. i med. oO ro.7:31-34 Jl '65. (MIRA 18:8)

1. Laboratoriya fiziologii i biokhimii svertvaniya krovi (zav.- prof. B.A. Kudryashov) Moskovskogo universiteta.

ANDREYENKO, K.P., assistant.

SK-9 therapy of eczemas. Veterinariia 30 no.7:46-49 Jy '53.  
(MLRA 6:7)

1. Pushno-mekhovoy institut.

ANDREYENKO, L.N.; KAMALYAN, L.A.

Isolation of Salmonella mission in acute human intestinal diseases and its characteristics. Zhur.mikrobiol.epid. i imun. 30 no.4:127-128 Ap '59. (MIRA 12:6)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i gigienny imeni Gamalei.  
(SALMONELLA INFECTIONS, case reports,  
mission (Rus))

ANDREYENKO, L.M.; TRIPOL'SKAYA, A.I.

Diseases induced by Salmonella infections in Dnepropetrovsk. Zhur.  
mikrobiol.epid.i immun. 30 no.7:53 J1 '59. (MIRA 12:11)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i  
gigiyeny imeni Gamalei.  
(SALMONELLA INFECTIONS - epidemiology)

KAMALYAN, L.A.; ANDREYENKO, L.M.

Fatal case of septicemia induced by S. mission. Zhur.mikrobiol.,  
epid.i imunn. 30 no.12:117-118 D '59. (MIRA 13:5)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i  
gigiyeny imeni Gamalei.

(SEPTICEMIA case reports)

(SALMONELLA INFECTIONS case reports)

CHERNOGORODIK, A.B.; KOVALENKO, A.D.; ANDREYENKO, M.

Sensitivity of *Salmonella* to some antibiotics and nitrofuran preparations. *Antibiotiki* 6 no.8:735-738 Ag '61. (MIRA 15:6)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut  
epidemiologii, mikrobiologii i gigiyeny.  
(*SALMONELLA*)                   (ANTIBIOTICS)                   (FURAN)

KAMALYAN, L.A.; ANDREYENKO, L.M.

Differential diagnosis of the Bethesda-Ballerup and Salmonella  
cultures. Lab. delo 7 no.6:29 Je '61. (MIRA 14:7)

1. Dnepropetrovskiy institut epidemiologii, mikrobiologii i gigiyeny  
imeni N.F.Gamelei.  
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

SMIRNOVA, T.V.; IVANOVA, A.S.; ANDREYENKO, L.M.; ZIMSON, N.K.; DAVYDOVA,  
A.A.; LIVSHITS, G.M.

Familial outbreak of food poisoning. Gig.i san. 26 no.1:115-116  
Ja '61. (MIRA 14:6)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i  
gigiyeny i Dnepropetrovskoy gorodskoy sanitarno-epidemiologicheskoy  
stantshii.

(FOOD POISONING)

ANDREYENKO, L.M.; KAMALYAN, L.A.

Properties of B.bethesda-ballerup and methods for differentiating  
it from Salmonella. Zhur.mikrobiol., epid. i immun. 32 no.11:79-  
82 N '61. (MIRA 14:11)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i  
gigiyeny imeni Gamalei.  
(SALMONELLA) (ESCHERICHIC FREUNDII)

ANDREYENKO, L.V. [Andriienko, L.V.]

Exciting prospects. Nauka i zhyttia 9 no.3:11-15 Mr '59.  
(MIRA 12:4)

1. Zaveduyushchiy sel'skokhozyaystvennym otdelom TSentral'nogo  
komiteta Kommunisticheskoy partii Ukrayny.  
(Ukraine--Agricultural policy)

GORGİYEV, T.B.; ANDREYENKO, L.M.

Dysentery pathogens on various objects in the patient's environment.  
Zhur. mikrobiol. epid. i immun. 31 no. 5:111 My '60.

(MIRA 13:10)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii  
i gigiyeny, imeni Gamalei.  
(SHIGELLA PARADYSENTERIAE)

ANDREYENKO, N R

PHASE I BOOK EXPLOITATION

sov/5742

Akademiya nauk SSSR. Mezhdunarodnyy komitet po provedeniyu Mezhdunarodnogo geofizicheskogo goda. VIII razdel programmy MGG: Shiroty i dolgoty.

Predvaritel'nyye rezul'taty issledovaniy kolebaniy shirok i dvizheniya polusov zemli; sbornik statey (Preliminary Data of Latitude Variations and Migrations of the Earth's Poles; Collected Articles. No. 1) Moscow, Izd-vo AN SSSR, 1960. 97 p. Errata slip inserted. 1,000 copies printed.

PURPOSE: This collection of articles is intended for astronomers, geophysicists, and other scientists concerned with the problem of latitude variations and the migration of the Earth's poles.

COVERAGE: Part I of the collection contains preliminary results of latitude observations from 1957.5 through 1959.0 made at IGY stations in the USSR network, including new stations in Siberia. Part II consists of articles describing new instruments, observational programs and methods, and procedures of processing the latitude observational data. With the larger number of stations and the use of new instruments it is anticipated that the final results will provide a more comprehensive study of anomalies and instrumental

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## Preliminary Data of Latitude Variations (Cont.)

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errors in latitude observations than has been possible previously. No personalities are mentioned. English abstracts and references follow each article.

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9

Popov, N. A. Observations of Bright Zenith Stars at the Poltava Gravimetalical Observatory of the Ukrainian Academy of Sciences (Zeiss Zenith-Telescope)

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Preliminary Data of Latitude Variations (Cont.)

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Tube 88

Glagoleva, I. I. Determination of the Value of a Screw Turn on an  
Ocular Micrometer According to Observations of Transits of Zenith Stars 92

AVAILABLE: Library of Congress

Card 5/5

JA/dwm/mas  
11-7-61

ANDREYENKO, N.R.

Systematic and accidental errors of the observers of the  
Freiberg-Kondrat'ev zenith telescope at Pulkovo. Izv.  
GAO 22 no. 1:129-134 '60. (MIRA 13:12)  
(Telescope, Zenith)

ANDREYENKO, N.R.

THILO I BOCHILOVICH

CGV/5721

Vsesoyuznaya astrometricheskaya konferentsiya.

Trudy 14-y Astrometricheskoy konferentsii SSSR, Kiyev, 27-30 maya 1958 g.  
(Transactions of the 14th Astronomical Conference of the USSR, Held in Kiyev  
27-30 May 1958) Moscow, Izd-vo Nauk SSSR, 1960. 440 p. Errata slip inserted.  
1000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Glavnaya astrometricheskaya observatoriya  
(Pulkovo).

R esp. Ed.: M. S. Zverev, Corresponding Member, Academy of Sciences USSR; Ed. of  
Publishing House: N. K. Zaychik; Tech. Ed.: R. A. Zmuryevo.

PURPOSE: The book is intended for astronomers and astrophysicists, particularly  
those interested in astronomical research.

COVERAGE: This publication presents the Transactions of the 14th Astronomical  
Conference of the USSR, held in Kiyev 27-30 May 1958. It includes 27 reports  
and 55 scientific papers presented at the plenary meeting of the Conference

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Transactions of the 14th Astrometrical (Cont.)

SOV/5721

and at the special sectional meetings. An appendix contains the resolutions adopted by the Conference, the composition of the committees, the agenda and the list of participants at the Conference. A brief summary in English is given at the end of each article. References follow individual articles. The Presidium of the Astrometrical Committee (Chairman M. S. Zverev), which supervised the preparation of this publication, expresses thanks to the members of the secretariat: V. M. Vasil'yev, I. G. Kol'chinskiy, A. B. Ongina, and Kh. I. Potter.

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Card 2/16

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"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101510008-5

LAWRENCE, J.A.; L. DILLON; C. H. MANN, JR.

Planning, Analysis, and Control Department, according to  
view. Inland. [This view P1; page 2 of 3]

(AIA 13:3)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000101510008-5"

Andreyenko, S. S.

Cand. Biol. Sci.

Dissertation: "Growth and Absorptive Activity of a Root System at Various Stages of Development."

22 June 1974

Moscow Order of Lenin State University M. V. Lomonosov.

Vyoprosy agrobiologii, 1974, No. 4

Form. 32

ANDREYENKO S.S.

USSR/Physiology of Plants - Mineral Fertilizers.

I-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10403

Author : Andreyenko, S.S.

Inst :

Title : The Growth and Absorptive Capacity of the Root System of Wheat in Connection with the Stage of the Plant's Development.

Orig Pub : Vestn. Mosk. un-ta, 1956, No 5, 75-81

Abstract : Vernalized and unvernalized plants of Moskovskaya 02411 winter wheat, were grown under conditions of both natural and 10-hour days. Both the expanse of the root systems and the functioning absorptive capacity were smaller in the vernalized plants, as compared with the unvernalized ones, corresponding to the more rapid development of the vernalized plants. This latter was proven by a comparison of the size of the root systems of early- and late-ripening spring wheat. The size of the root system was

Card 1/2

USSR/Physiology of Plants - Mineral Fertilizers.

I-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10408

smaller in the early-ripening sort, Garnet, than in the late-ripening sort, Mil'turum 321. However, the specific absorptive surface of the roots (functioning absorptive surface of the root per unit of volume) was greater in the vernalized wheat. When kept in a nutritive solution for four hours the vernalized plants absorbed significantly less P than the unvernalized, and when kept for 8 hours -- the same amount as the unvernalized, the nodal roots of wheat played a significant role in the absorption of P.

Bibliography of 21 titles.

Card 2/2

USSR/Plant Physiology - General

I.

Abs Jour : Ref Zhur - Biol., № 21, 1958, 95598

Author : Andreyenko, S.S., Zhdanova, L.A.

Inst : Moscow University

Title : On the Problems of Physiological Differences of Winter  
and Spring Wheats.

Orig Pub : Vestn. Mosk. un-ta, Ser. Biol., pochvoved., geol. geogr.,  
1957, № 2, 29-37

Abstract : The content of chlorophyll, photosynthesis, respiration,  
growth of root systems, absorption of N, P and K, reducing  
activity, accumulation of sucrose and reducing sugars  
was determined in 10-, 15-, 20- and 35 day sprouts of  
winter wheat No 599 and spring lutescens 062 raised under  
water cultivation conditions with a pH of 6.5. A more  
intensive growth was noted of the root systems in the

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- 2 -

ANDREYENKO, S. S.

AUTHORS: Andreyenko, S. S., and Titova, Z. V. 20-1-44/44

TITLE: Quantitative Variations of Chlorophyll in the Leaves of Maize Germs (of Zea Mays) at Different Temperatures Within the Zone of Roots (Kolichestvennyye izmeneniya khlorofilla v list'yakh prorostkov kukuruzy pri raznoy temperatore v zone korney).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 1, pp. 157-160 (USSR).

ABSTRACT: It was proved by means of the grafting method, that the content of pigment in the leaves of the graft scion can be essentially modified under the influence of root systems of various plants. This method, however, is not capable of answering the question concerning the influence of the own roots on the photosynthesis-apparatus, as parts of two different plants must always be used in this connection. This question can only be answered when the root systems are placed in so very different conditions that differences occur in their physiological state and activity. These different conditions may be created by variations of temperature, moisture, aeration, supply with individual nutritive substances, environment reaction etc. The authors bred young maize plants in the Knop-solution. One group had the temperature in the zone of

Card 1/3

to a certain extent chlorophyll a and b was also modified, the exact mechanism is not yet clear. Table 3 gives the quantities of chlorophyll in proportion to the gross weight, the superficial unit and per 1 plant. The resulting data which are described here show that the influence is exerted by the roots on the formation of the apparatus of photosynthesis of the maize plant. The retardation in the zone of roots retard the chlorophyll synthesis by causing differences in the physiological state and in the conditions of activity of the roots. This manifests itself especially strong in young leaves that are just being formed. This may possibly be one of the causes for the slow growth of maize at low soil temperatures. There are 4 tables and 15 references, 11 of which are Slavic.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101510008-5

Card 2/3

Quantitative Variations of Chlorophyll in the Leaves of Maize 20-1-44/44  
(of Zea Mays) at Different Temperatures Within the Zone of Roots.

ASSOCIATION: Moscow State University imeni M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet imeni M. V. Lomonosova).  
PRESENTED: By A. I. Oparin, Academician, May 13, 1957.  
SUBMITTED: May 13, 1957.  
AVAILABLE: Library of Congress.

Card 3/3

ANDREYENKO, S.S., KAZARINOVA, L.A.

Changes in certain physiological processes in corn seedlings induced by different pH values in the root zone. Nauch.dokl.vys.shkoloy;  
biol.nauki no.1:149-154 '58  
(MIRA 11:8)

1. Predstavlena kafedroy fiziologii rasteniy Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

(CORN (MAIZE))  
(HYDROGEN-ION CONCENTRATION)

ANDREYENKO, S.S.; KADAR, D.

Variation of some physiological processes in corn roots and  
leaves under different conditions of nitrogen nutrition.  
Nauch.dokl.vys.shkoly;biol.nauki no.4:160-164 '58.

(MIRA 11:12)

1. Rekomendovana kafedroy fiziologii rasteniy Moskovskogo  
gosudarstvennogo universiteta imeni M.V.Lomonosova.  
(Corn (Maize)) (Plants, Effect of nitrogen on)

ANDREYENKO, Stepan Sidorovich; KUPERMAN, Fanni Mikhaylovna; RUBIN, B.A.,  
prof., obshchiy red.; GOL'TSMAN, O.G., md.; LAZAREVA, L.V.,  
tekhn.red.

[Physiology of corn; studies on the physiology of development,  
growth, photosynthesis, mineral nutrition, and water regimen]  
Fiziologiya kukuruzy; ocherki po fiziologii razvitiia, rosta,  
fotosinteza, mineral'nogo pitanija i vodnogo rezhima. Pod  
obshchey red. S.A.Rubina. Moskva, Izd-vo Mosk.univ., 1959.  
288 p. (MIRA 12:12)

(Corn (Maize))

ANDREYENKO, S.S.; TITOVА, Z.V.

Effect of low temperatures in the root zone of corn on respiration intensity and enzyme activity. Nauch.dokl.vys.shkoly; biol.nauki no.2:153-158 '59. (MIRA 12:6)

1. Rekomendovana kafedroy fiziologii rasteniy Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.  
(Plants, Effect of temperature on)  
(Roots (Botany))

ANDREYENKO, S.S.

V.I.Lenin and some problems in the philosophy of natural science.  
Vest.Mosk.un.Ser. 6: Biol., pochv. 15 no.3:3-5 Ky-Je '60.  
(MIRA 13:7)  
(Science--Philosophy)

ANDREYENKO, S.S.; PROZOROVSKAYA, N.N.

Some variations in teh nitrogen metabolism of the corn plant grown  
in soils with different pH values. Nauch.dokl.vys.shkoly: biol.nauki  
no.4:157-161 '60.  
(MIRA 13:11)

1. Rekomendovana kafedroy fiziologii Moskovskogo gosudarstvennogo  
universiteta im. M.V.Lomonosova.  
(CORN (MAIZE))  
(HYDROGEN-ION CONCENTRATION)  
(NITROGEN METABOLISM)

ANDREYENKO, S.S.

Some biological characteristics of corn with regard to its introduction into cultivation in new regions. Nauch. dokl. vys. shkoly; biol. nauki no.4:123-131 '61. (MIRA 14:11)

1. Rekomendovana kafedroy fiziologii rasteniy Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.  
(CORN (MAIZE))

ANDREYENKO, S.S.; ALEKHINA, N.D.

Changes in the photosynthesis and concentration of some carbohydrate forms in corn due to different pH values of the nutritive medium. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no.1:32-39 Ja-F '61. (MIHA 14:4)

1. Kafedra fiziologii rasteniy Moskovskogo universiteta.  
(HYDROGEN-ION CONCENTRATION) (PHOTOSYNTHESIS)

ANDREYENKO, S.S.; ALEKHINA, N.D.

Change in the nitrogen and free amino acid content of corn plants  
at different pH of the medium. Nauch.dokl.vys.shkoly; biol.nauki  
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